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	Application No.	Applicant(s)	40.41	1000
	10/780,568	OTA ET AL.		ê
Notice of Allowability	Examiner	Art Unit	31 30 1	湖
	Michael A Marcheschi	1755		4
The MAILING DATE of this communication appeall claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this ap or other appropriate communication IGHTS. This application is subject to	plication. If not include will be mailed in due	ded e course. THIS	- 小田子でいっ
1. This communication is responsive to <u>application filed on 2/19/04</u> .				
2. The allowed claim(s) is/are <u>1-6</u> .				
3. X The drawings filed on 13 July 2004 are accepted by the Examiner.				
 4. Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 	e been received.	<u>0/015,675</u> .		
3. Copies of the certified copies of the priority do	cuments have been received in this	national stage applic	ation from the	
International Bureau (PCT Rule 17,2(a)).		0 ,,	٠ ، معتد، سيشيد	
* Certified copies not received:				
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the re	equirements	
 A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give 	nitted. Note the attached EXAMINER es reason(s) why the oath or declara	'S AMENDMENT or ation is deficient.	NOTICE OF	
6. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.		ngan sanara sanara	
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached			And the contraction	
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date				
(b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date				
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			e back) of	
7. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			Note the	
Attachment(s)			- from the	
1. Notice of References Cited (PTO-892)	5. Notice of Informal P	Patent Application (P1	O-152)	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. 🛛 Interview Summary	(PTO-413),	,	
 Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 2/19/04,5/20/04 	Paper No./Mail Da 08), 7. ⊠ Examiner's Amendr			
4. ☐ Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner's Stateme	ent of Beasons for All	owance	
of Biological Material	9.	11	13F	
	M. J.	ELD ROHESCH LLLY EXCLUSION AR		

Application/Control Number: 10/780,568

Art Unit: 1755

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jude L. Cooney on 12/29/04.

The application has been amended as follows:

ABSTRACT:

Please rewrite the abstract as follows in order to comply with the requirement that the abstract be in single paragraph form (no changes in the content of the abstract are being made).

--There is provided an abrasive used for polishing a substrate which comprises silica as a main component, for example a rock crystal, a quartz glass for photomask, for CMP of an organic film, Inter Layer Dielectric (ILD) and shallow trench isolation of a semiconductor device, or for polishing a hard disk made of glass. A sol which particles are dispersed in a medium, wherein the particles have a particle size of 0.005 to 1 μm and comprise as a main component crystalline cerium oxide of the cubic system and as an additional component a lanthanum compound, a neodymium compound or a combination thereof, wherein the additional component is contained in X/(Ce + X) molar ratio of 0.001 to 0.5 in which X is lanthanum atoms, neodymium atoms or a combination thereof. The sol is prepared by reacting an aqueous solution which a cerium (III) salt is mixed with a lanthanum (III) salt and/or a neodymium (III) salt, with an alkaline substance to give a suspension in which cerium (III) hydroxide is homogeneously mixed with lanthanum (III) hydroxide and/or neodymium (III) hydroxide, and blowing oxygen or a gas containing oxygen into the suspension.--

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CLAIMS:

Claim 1, line 9, cancel "ration" and insert --ratio--.

The following is an examiner's statement of reasons for allowance:

The prior art of record <u>fails</u> to teach or suggest a process for producing a sol which comprises all of the claimed specific steps (i.e. reacting step of all of the recited components added and blowing step). A sol prepared by reacting an aqueous solution which a cerium (III) salt is <u>mixed</u> with a lanthanum (III) salt and/or a neodymium (III) salt and with an alkaline substance to give a suspension in which cerium (III) hydroxide is homogeneously mixed with lanthanum (III) hydroxide and/or neodymium (III) hydroxide and blowing oxygen or a gas containing oxygen into the suspension is not defined by the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

The references cited on the 1449 have been reviewed by the examiner and are considered to be art of interest since they are cumulative to or less than the art relied upon in the above rejections. The references cited on the instant 1449's have been received in the parent application. Any foreign language documents submitted by applicant has been considered to the extent of the short explanation of significance, English abstract or English equivalent, if appropriate.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael A Marcheschi whose telephone number is (571) 272-1374. The examiner can normally be reached on M-F (8:00-5:30) First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark L Bell can be reached on (571) 272-1362. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for annualished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197/ (tol-free).

Michael A Marcheschi Primary Examiner Art Unit 1755 Page 4

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